

What is claimed is:

5 1. A method of making a pavement marker comprising the steps of:

forming an array of discrete pavement elements in a predefined pattern interconnected by a carrier web; and

10 forming a frangible connection between a plurality of the discrete pavement elements and the carrier web.

15 2. The method of claim 1 wherein the step of forming the pavement elements interconnected by a carrier web comprises the step of integrally forming the pavement elements and the carrier web.

20 3. The method of claim 1 wherein the step of forming the pavement elements interconnected by a carrier web comprises the step of bonding the pavement elements to the carrier web.

25 4. The method of claim 1 wherein the step of forming the pavement elements interconnected by a carrier web comprises the steps of bonding the carrier web to an upper surface of the array of pavement elements.

30 5. The method of claim 1 further comprising the steps of:

applying a pressure sensitive adhesive to a rear surface of the pavement elements; and

applying a release liner over the adhesive.

6. The method of claim 1 wherein the step of forming a frangible connection comprises the step of at least partially severing the carrier web around a perimeter of the pavement elements.

7. The method of claim 1 wherein the step of forming a frangible connection comprises the step of at least partially severing the carrier web around one or more groups of pavement elements.

8. The method of claim 1 wherein the carrier web is selected from a group consisting of paper, a liner, a screen, a mat, a film or nonwoven web of a water-soluble or water-dispersible polymeric material, and a biodegradable material.

9. The process of claim 1 wherein the pavement elements are selected from a group consisting of retroreflective lens and single bead durable pavement elements.

10. A method for applying the array of pavement elements of claim 1 to a pavement surface comprising the steps of:

interposing an adhesive between the pavement elements and the pavement surface; and

engaging the adhesive to the pavement surface under pressure.

11. The method of claim 10 further comprising the step of removing a portion of the carrier web between adjacent pavement elements to yield an array of discrete pavement elements adhered to a pavement surface.

12. A pavement marking article attachable to a pavement comprising:

an array of discrete pavement elements in a predefined pattern interconnected by a carrier web; and
a frangible connection between a plurality of the pavement elements and the carrier web.

13. The article of claim 12 wherein the carrier web and the pavement elements are integrally formed.

14. The article of claim 12 wherein the pavement elements are bonded to the carrier web.

15. The article of claim 12 wherein the carrier web is bonded to upper surfaces of the pavement elements.

16. The article of claim 12 further comprising a pressure sensitive adhesive applied to a rear surface of the pavement elements, and a release liner extending over the adhesive.

17. The article of claim 12 wherein the frangible connection comprises slits around a perimeter of the pavement elements.

18. The article of claim 12 wherein the carrier web is selected from a group consisting of paper, a liner, a screen, a mat, a film or nonwoven web of a water-soluble or water-dispersible polymeric material, and a biodegradable material.

19. The article of claim 12 further comprising an adhesive interposed between the pavement elements and the pavement surface.

20. A pavement marker comprising:

discrete pavement elements having a pressure sensitive adhesive layer on a bottom surface, the bottom surfaces being arranged in an array on a release liner; and

a carrier web bonded to an upper portion of the pavement elements capable of maintaining the spatial orientation of the array of pavement elements when the release liner is removed.